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|---|--------------------------|----------------------|
| <b>DECLARATION AND<br/>         POWER OF ATTORNEY<br/>         FOR UTILITY OR DESIGN<br/>         PATENT APPLICATION</b><br>(37 CFR 1.63)   | Attorney Docket Number   | MC098Y               |
|   | First Named Inventor     | Michael Boyd, et al. |
|   | <b>COMPLETE IF KNOWN</b> |                      |
|   | Application Number       |                      |
|   | Filing Date              |                      |
|   | Group Art Unit           |                      |
| <input checked="" type="checkbox"/> Declaration Submitted with Initial Filing         OR <input type="checkbox"/> Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required) | Examiner Name            |                      |

As a below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

CATHEPSIN CYSTEINE PROTEASE INHIBITORS

the specification of which *(Title of the Invention)*

☒ bears the Attorney Docket Number and Title of the Invention noted above

OR

☐ is attached hereto

OR

☐ was filed on (MM/DD/YYYY) [ ] as United States Application Number or PCT International

Application Number [ ] and was amended on (MM/DD/YYYY) [ ] (if applicable)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose to the Patent and Trademark Office all information known to me to be material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent or inventor's certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate(s), or of any PCT international application having a filing date before that of the application on which priority is claimed.

| Prior Foreign Application Number(s) | Country | Foreign Filing Date (MM/DD/YYYY) | Attorney Docket Number | Priority Claimed?        |                          |
|-------------------------------------|---------|----------------------------------|------------------------|--------------------------|--------------------------|
|                                     |         |                                  |                        | YES                      | NO                       |
|                                     |         |                                  |                        | <input type="checkbox"/> | <input type="checkbox"/> |
|                                     |         |                                  |                        | <input type="checkbox"/> | <input type="checkbox"/> |
|                                     |         |                                  |                        | <input type="checkbox"/> | <input type="checkbox"/> |
|                                     |         |                                  |                        | <input type="checkbox"/> | <input type="checkbox"/> |

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

| Application Number(s) | Filing Date (MM/DD/YYYY) | Attorney Docket Number |
|-----------------------|--------------------------|------------------------|
| 60/529,254            | 12/12/2003               | MC098PV                |
|                       |                          |                        |
|                       |                          |                        |
|                       |                          |                        |

## DECLARATION AND POWER OF ATTORNEY for Utility or Design Patent Application

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information known to me to be material to patentability as defined in 37 CFR 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

| U.S. Parent Application or PCT Parent Application Number | Parent Filing Date (MM/DD/YYYY) | Parent Patent Number (if applicable) |
|--|---------------------------------|--------------------------------------|
|  |                                 |                                      |
|  |                                 |                                      |
|  |                                 |                                      |
|  |                                 |                                      |

☐ Additional U.S. or PCT international application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

As a named inventor, I hereby appoint, respectively and individually, as my attorney(s) or agent(s) with full power of substitution and revocation, the following registered practitioner(s) to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith:

☒ Practitioners Associated with the Customer Number **000210**  
OR  
☐ Registered practitioner(s) named below

| Name             | Registration Number | Name           | Registration Number |
|------------------|---------------------|----------------|---------------------|
| Nicole M. Beeler | 45,194              | Mark R. Daniel | 31,913              |
|                  |                     |                |                     |
|                  |                     |                |                     |
|                  |                     |                |                     |

Direct all correspondence to: ☒ Customer Number **000210**

|         |                                       |           |               |     |               |
|---------|---------------------------------------|-----------|---------------|-----|---------------|
| Name    | Nicole M. Beeler                      |           |               |     |               |
| Address | Merck & Co., Inc. - Patent Department |           |               |     |               |
| Address | P.O. Box 2000, RY60-30                |           |               |     |               |
| City    | Rahway                                | State     | NJ            | ZIP | 07065-0907    |
| Country | USA                                   | Telephone | (732)594-1077 | Fax | (732)594-4720 |

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name of Sole or First Inventor: ☐ A petition has been filed for this unsigned inventor

|  |   |                        |        |             |              |
|--|---|------------------------|--------|-------------|--------------|
| Given Name (first and middle (if any)) |   | Family Name or Surname |        |             |              |
| Michael                                |   | Boyd                   |        |             |              |
| Inventor's Signature                   | <i>Michael Boyd</i>                                   |                        |        | Date        | Nov 15, 2004 |
| Residence: City                        | Montreal  | State                  | Quebec | Country     | Canada       |
|  |   |                        |        | Citizenship | Canadian     |
| Mailing Address                        | Merck Frosst Canada & Co., 16711 Trans-Canada Highway |                        |        |             |              |
| City                                   | Kirkland, Quebec                                      | State                  |        | ZIP         | H9H 3L1      |
|  |   |                        |        | Country     | CANADA       |

☒ Additional inventors are being named on the 2 supplemental Additional Inventors(s) sheet(s) PTO/SB/02A attached hereto.

DECLARATION AND POWER OF ATTORNEY

ADDITIONAL INVENTOR(S)  
Supplemental Sheet

|  |   |   |        |                        |         |             |                      |
|--|---|---|--------|------------------------|---------|-------------|----------------------|
| Name of Additional Joint Inventor, if any: |   | <input type="checkbox"/> A petition has been filed for this unsigned inventor |        |                        |         |             |                      |
| Given Name (first and middle [if any])     |   |   |        | Family Name or Surname |         |             |                      |
| Cheuk                                      |   |   |        | Lau                    |         |             |                      |
| Inventor's Signature                       | <i>C. K. Lau</i>                                      |   |        |                        |         | Date        | <i>Nov. 15, 2004</i> |
| Residence: City                            | Ile Bizard  | State   | Quebec | Country                | Canada  | Citizenship | Canadian             |
| Mailing Address                            | Merck Frosst Canada & Co., 16711 Trans-Canada Highway |   |        |                        |         |             |                      |
| City                                       | Kirkland, Quebec                                      | State   |        | ZIP                    | H9H 3L1 | Country     | CANADA               |
| Name of Additional Joint Inventor, if any: |   | <input type="checkbox"/> A petition has been filed for this unsigned inventor |        |                        |         |             |                      |
| Given Name (first and middle [if any])     |   |   |        | Family Name or Surname |         |             |                      |
| Christophe                                 |   |   |        | Mellon                 |         |             |                      |
| Inventor's Signature                       | <i>Christophe Mellon</i>                              |   |        |                        |         | Date        | <i>Nov. 12 2004</i>  |
| Residence: City                            | L'Ile Bizard  | State   |        | Country                | Canada  | Citizenship | Canadian             |
| Mailing Address                            | Merck Frosst Canada & Co., 16711 Trans-Canada Highway |   |        |                        |         |             |                      |
| City                                       | Kirkland, Quebec                                      | State   |        | ZIP                    | H9H 3L1 | Country     | CANADA               |
| Name of Additional Joint Inventor, if any: |   | <input type="checkbox"/> A petition has been filed for this unsigned inventor |        |                        |         |             |                      |
| Given Name (first and middle [if any])     |   |   |        | Family Name or Surname |         |             |                      |
| Bruno                                      |   |   |        | Roy                    |         |             |                      |
| Inventor's Signature                       | <i>Bruno Roy</i>                                      |   |        |                        |         | Date        | <i>Nov 12, 2004</i>  |
| Residence: City                            | Ile Bizard  | State   | Quebec | Country                | Canada  | Citizenship | Canadian             |
| Mailing Address                            | Merck Frosst Canada & Co., 16711 Trans-Canada Highway |   |        |                        |         |             |                      |
| City                                       | Kirkland, Quebec                                      | State   |        | ZIP                    | H9H 3L1 | Country     | CANADA               |
| Name of Additional Joint Inventor, if any: |   | <input type="checkbox"/> A petition has been filed for this unsigned inventor |        |                        |         |             |                      |
| Given Name (first and middle [if any])     |   |   |        | Family Name or Surname |         |             |                      |
| John                                       |   |   |        | Scheigetz              |         |             |                      |
| Inventor's Signature                       | <i>John Scheigetz</i>                                 |   |        |                        |         | Date        | <i>Nov 12, 2004</i>  |
| Residence: City                            | Dollard des Ormeaux                                   | State   | Quebec | Country                | Canada  | Citizenship | Canadian             |
| Mailing Address                            | Merck Frosst Canada & Co., 16711 Trans-Canada Highway |   |        |                        |         |             |                      |
| City                                       | Kirkland, Quebec                                      | State   |        | ZIP                    | H9H 3L1 | Country     | CANADA               |

# DECLARATION AND POWER OF ATTORNEY

## ADDITIONAL INVENTOR(S) Supplemental Sheet

|  |  |   |  |                        |  |             |  |
|--|--|---|--|------------------------|--|-------------|--|
| Name of Additional Joint Inventor, if any: |  | <input type="checkbox"/> A petition has been filed for this unsigned inventor |  |                        |  |             |  |
| Given Name (first and middle [if any])     |  |   |  | Family Name or Surname |  |             |  |
| Vouy Linh                                  |  |   |  | Truong                 |  |             |  |
| Inventor's Signature                       |  |   |  |                        |  | Date        |  |
|  |  |   |  |                        |  | Nov 12 2004 |  |
| Residence: City                            |  | Pierrefonds   |  | State                  |  | Quebec      |  |
|  |  |   |  | Country                |  | Canada      |  |
| Citizenship                                |  | Canadian  |  |                        |  |             |  |
| Mailing Address                            |  | Merck Frosst Canada & Co., 16711 Trans-Canada Highway                         |  |                        |  |             |  |
| City                                       |  | Kirkland, Quebec  |  | State                  |  |             |  |
|  |  |   |  | ZIP                    |  | H9H 3L1     |  |
| Country                                    |  | CANADA  |  |                        |  |             |  |
| Name of Additional Joint Inventor, if any: |  | <input type="checkbox"/> A petition has been filed for this unsigned inventor |  |                        |  |             |  |
| Given Name (first and middle [if any])     |  |   |  | Family Name or Surname |  |             |  |
|  |  |   |  |                        |  |             |  |
| Inventor's Signature                       |  |   |  |                        |  | Date        |  |
|  |  |   |  |                        |  |             |  |
| Residence: City                            |  |   |  | State                  |  |             |  |
|  |  |   |  | Country                |  |             |  |
| Citizenship                                |  |   |  |                        |  |             |  |
| Mailing Address                            |  |   |  |                        |  |             |  |
| City                                       |  | Rahway  |  | State                  |  | NJ          |  |
|  |  |   |  | ZIP                    |  | 07065-0907  |  |
| Country                                    |  |   |  |                        |  |             |  |
| Name of Additional Joint Inventor, if any: |  | <input type="checkbox"/> A petition has been filed for this unsigned inventor |  |                        |  |             |  |
| Given Name (first and middle [if any])     |  |   |  | Family Name or Surname |  |             |  |
|  |  |   |  |                        |  |             |  |
| Inventor's Signature                       |  |   |  |                        |  | Date        |  |
|  |  |   |  |                        |  |             |  |
| Residence: City                            |  |   |  | State                  |  |             |  |
|  |  |   |  | Country                |  |             |  |
| Citizenship                                |  |   |  |                        |  |             |  |
| Mailing Address                            |  |   |  |                        |  |             |  |
| City                                       |  | Rahway  |  | State                  |  | NJ          |  |
|  |  |   |  | ZIP                    |  | 07065-0907  |  |
| Country                                    |  |   |  |                        |  |             |  |
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| Given Name (first and middle [if any])     |  |   |  | Family Name or Surname |  |             |  |
|  |  |   |  |                        |  |             |  |
| Inventor's Signature                       |  |   |  |                        |  | Date        |  |
|  |  |   |  |                        |  |             |  |
| Residence: City                            |  |   |  | State                  |  |             |  |
|  |  |   |  | Country                |  |             |  |
| Citizenship                                |  |   |  |                        |  |             |  |
| Mailing Address                            |  |   |  |                        |  |             |  |
| City                                       |  | Rahway  |  | State                  |  | NJ          |  |
|  |  |   |  | ZIP                    |  | 07065-0907  |  |
| Country                                    |  |   |  |                        |  |             |  |